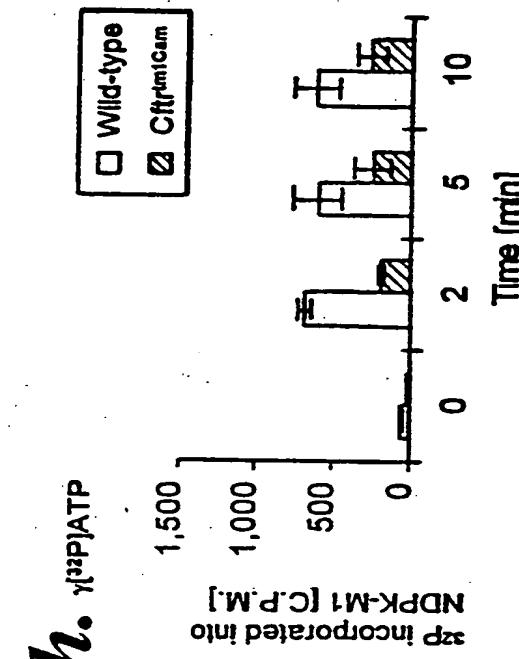
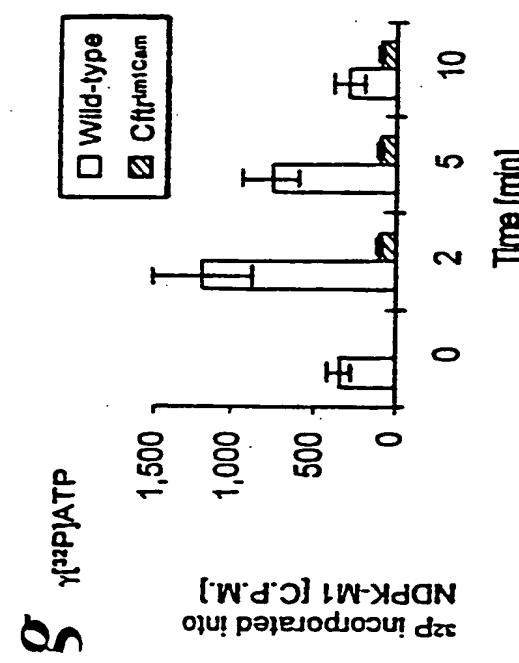
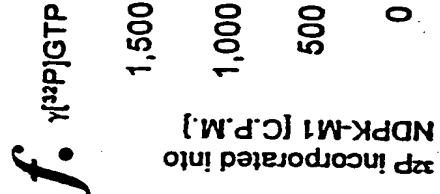
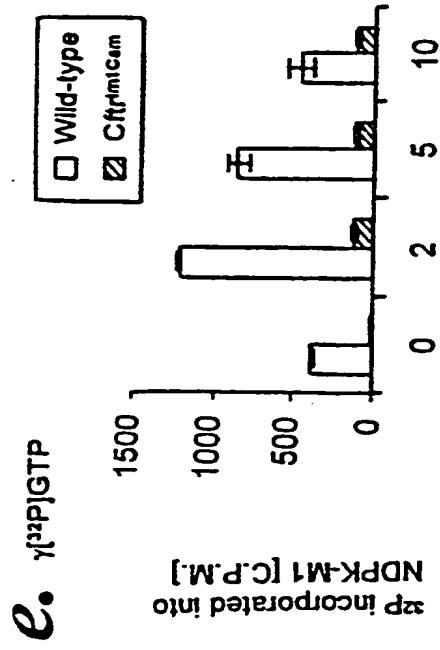


Fig. 1 (page 1 of 2)

Fig. 1 (page 2 of 2)

Membrane Cytosol



2/19

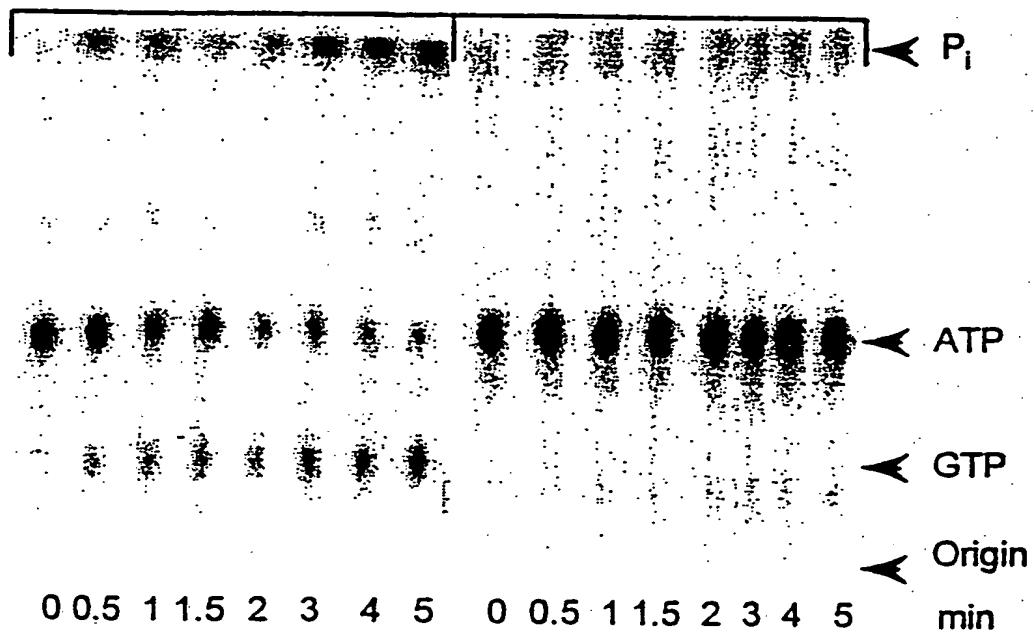
3/19

a. $\gamma^{[32]P]ATP+GDP}$

Membrane

Wild-type

Cfl-1m1Cam



b.

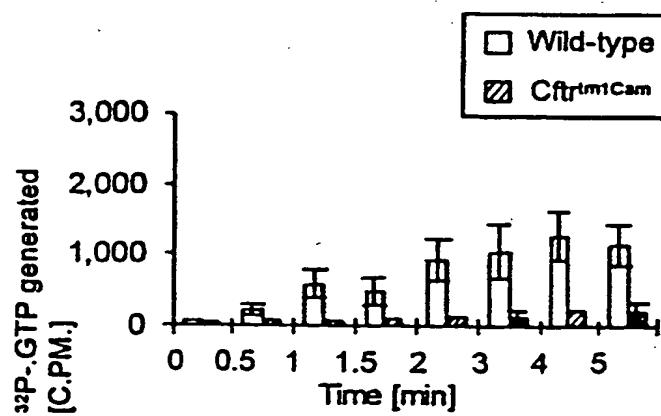


Fig 2 (page 1 of 3)

4/19

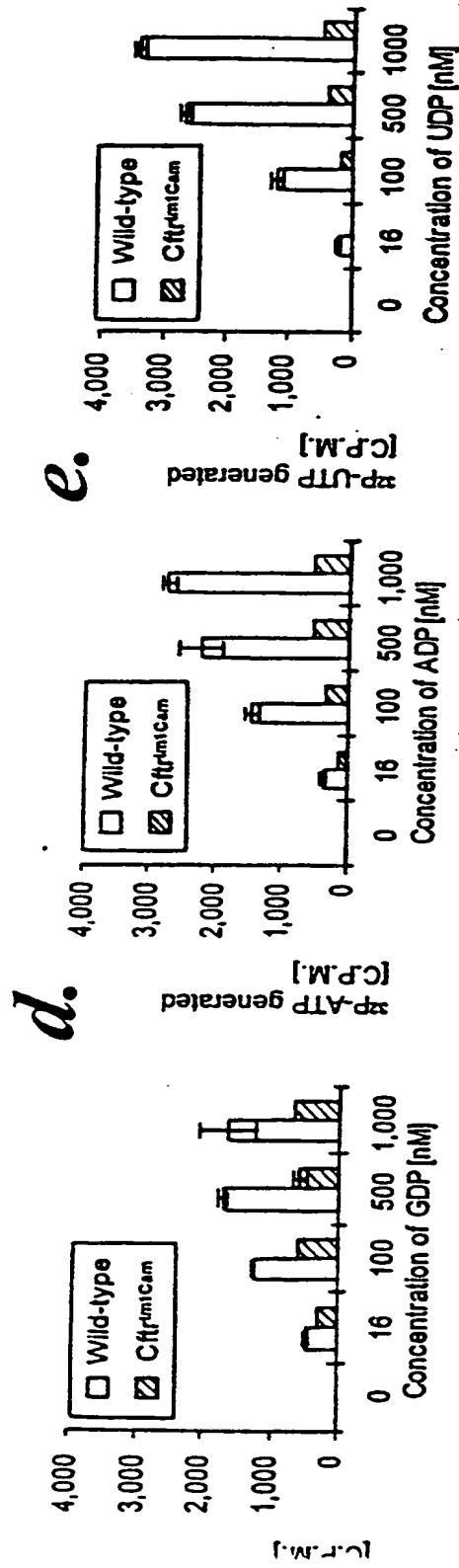
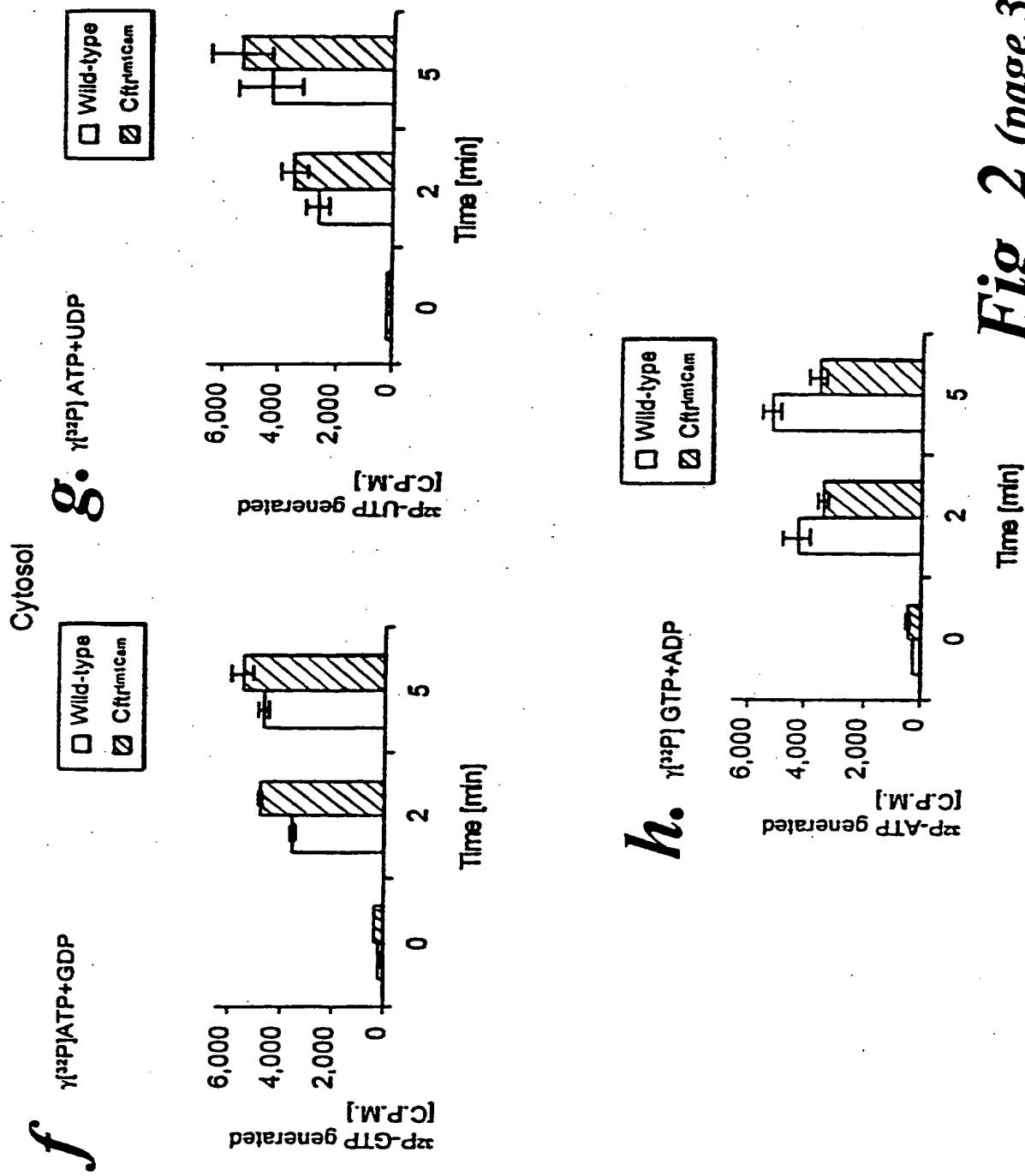
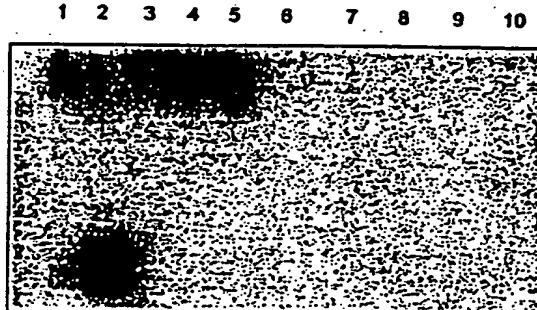


Fig. 2 (page 2 of 3)

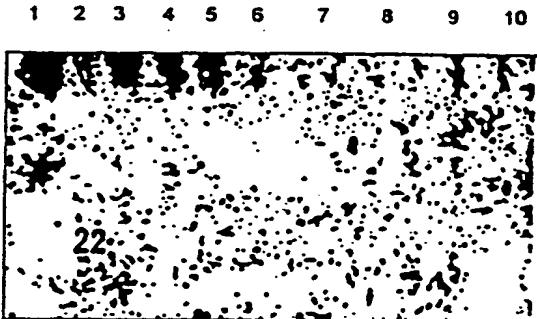


6/19

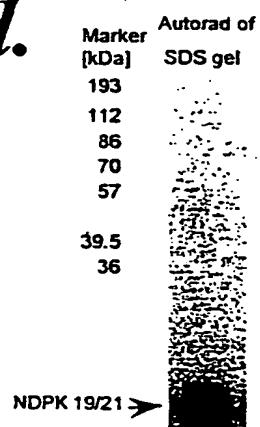
a.



b.



d.



e.

Western blot



Fig 3

7/19

a

Wild-type membranes

Nm23	Nm23
H1	H1
alone	+ peptide



b.

Membranes (100 µg protein/lane)

Cytosol (100 µg protein/lane)

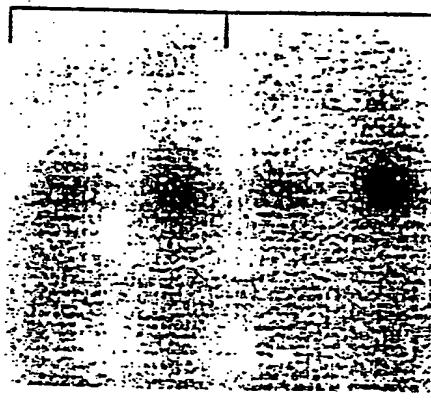
Wild-type	CFTR null (-/-)
Wild-type	CFTR null (-/-)



21 kDa

c.

Plasmid alone Plasmid + CFTR



d.

Marker Plasmid Plasmid
alone + CFTR

NDPK-M1
NDPK-M2

min

0 2 0 2

0 2 0 2 min

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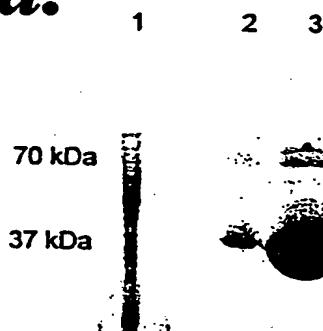
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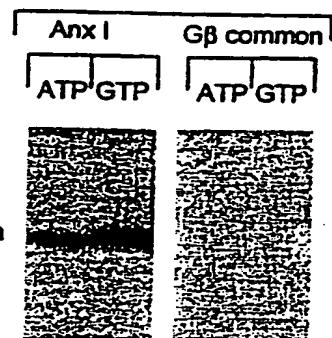
8/19

a.



b.

Ovine membrane



c.

Murine wild-type membrane

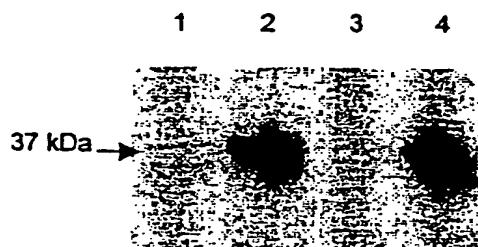


d.

1 MAMVSEELKQ AWFIENEEQE YIKTVKGSKG GPGSAVSPYP TFPNSSDVEA LHKAITVKGV
 61 DEATIIEILT KRNNAAQRQQI KAAYLQEKGK PLDEVLKKAL LGHLEEVVLA LLKTPAQFDA
 121 EELRAAMKGL GTDEDITLNEI LASRTNRREIR EINRVHREEL KRDIAKDIAS DTSGDYEKAL
 181 LALAKGDRSE ELAVNDDLAQ SDARALYEAG E~~RR~~KGTDVNV FITILITRSY PHLRRVFQKY
 241 SKYSKHDMMNK VLDLELKGD~~I~~ EKCLTVIVKC ATSQPMFFAE KLHQAMKGIG TRHKT~~L~~IRIM
 301 VSRSEIDMN~~D~~ IKACYQKLYG ISLCQAIL~~I~~E TKGDYEKILV ALCGRD

e.

$\gamma^{[32]P]$ ATP



f.

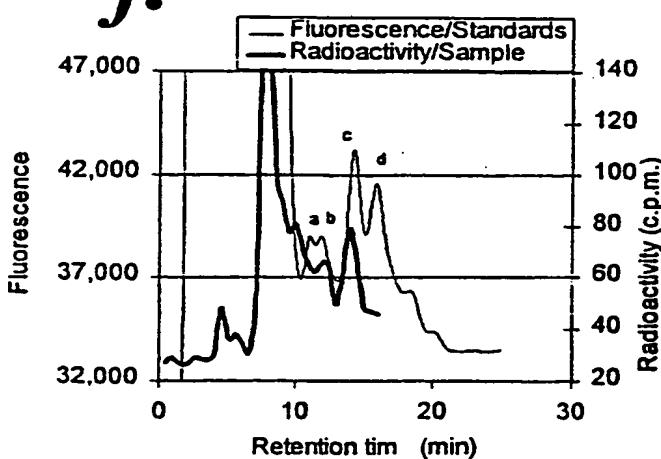
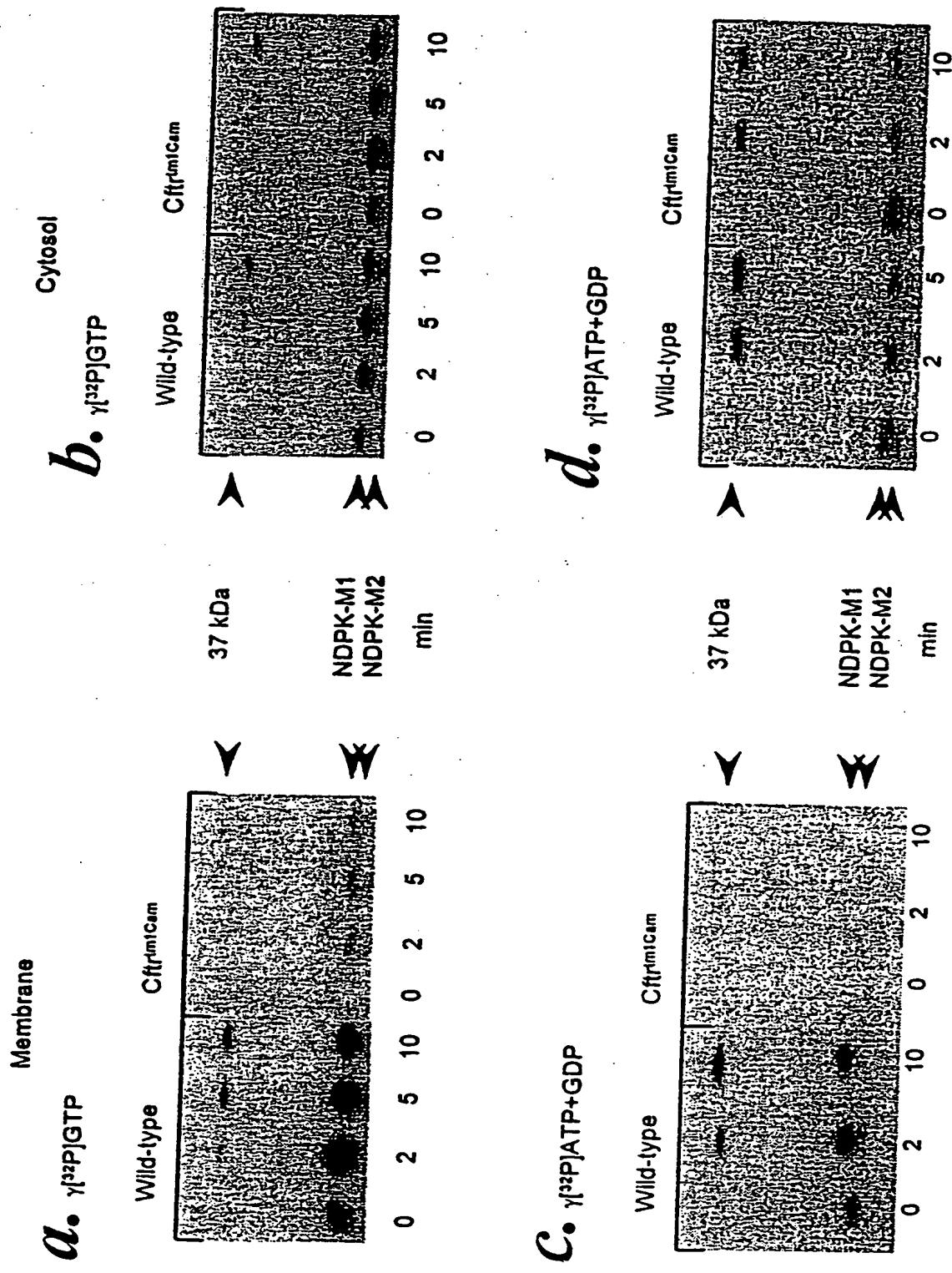


Fig. 5

Fig. 6 (page 1 of 2)



10/19

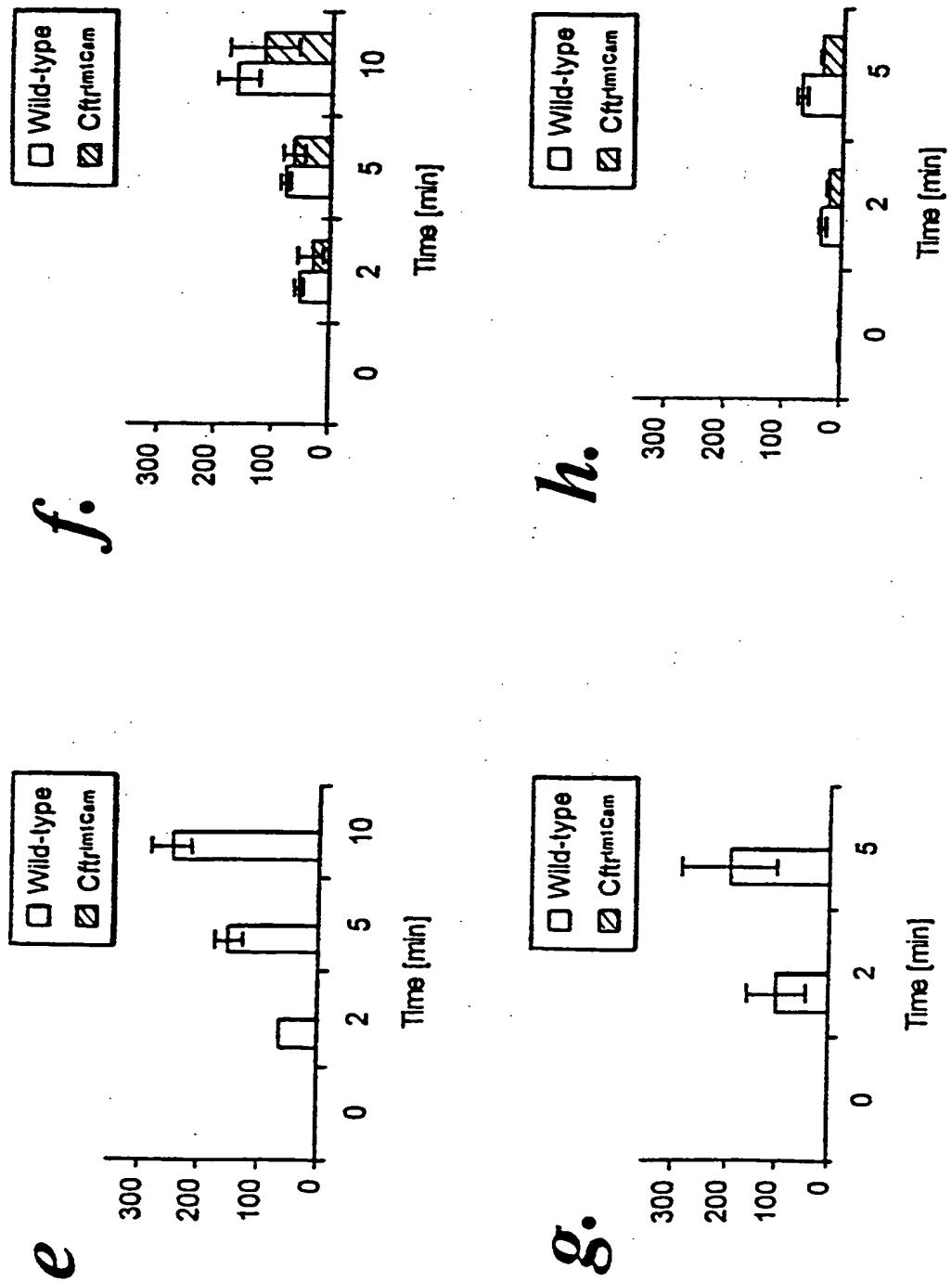


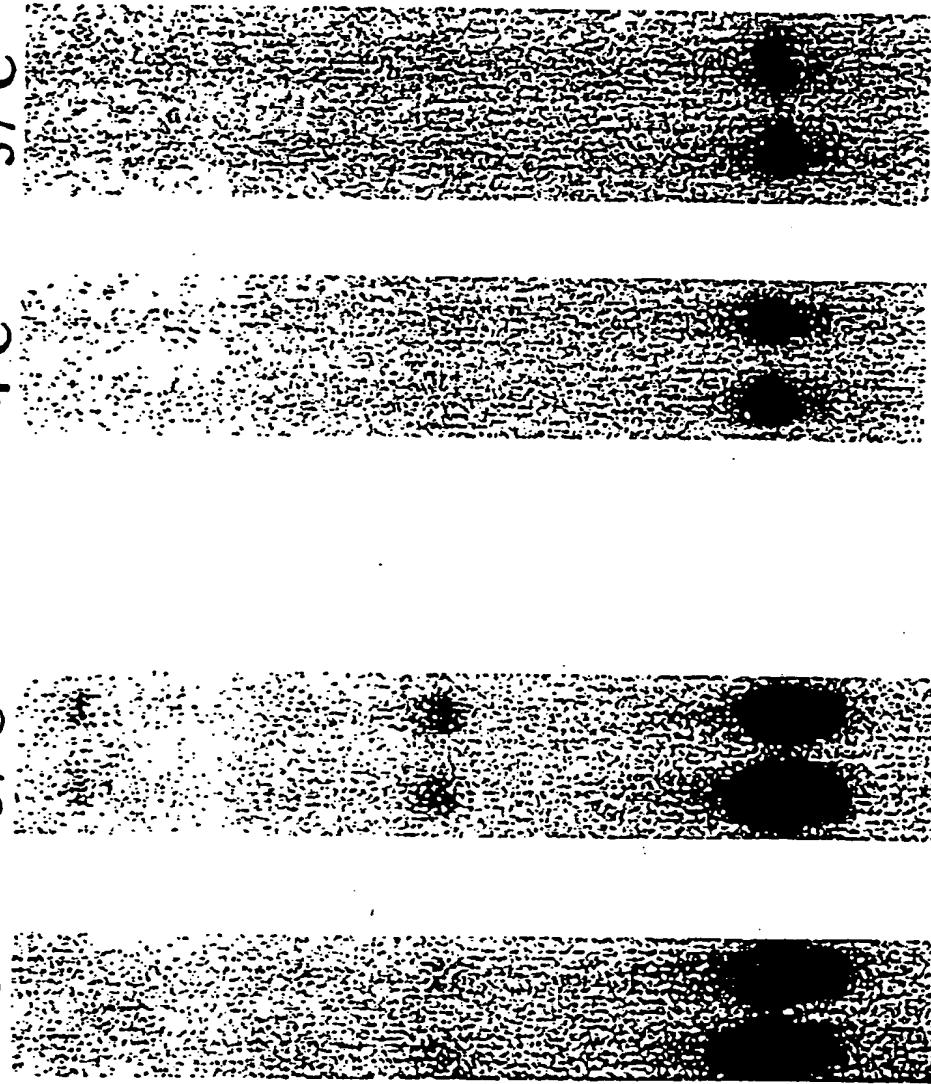
Fig. 6 (page 2 of 2)

Autoradiograph from apical membrane phosphoproteins (^{32}P -GTP)
from

wild-type mice

4°C 37°C

p116 →



NDPK:
p21 →
p19 →

p37 →

Fig. 8

Autoradiograph from apical membrane
phosphoproteins from null CFTR (-/-) mice: ^{32}P -ATP

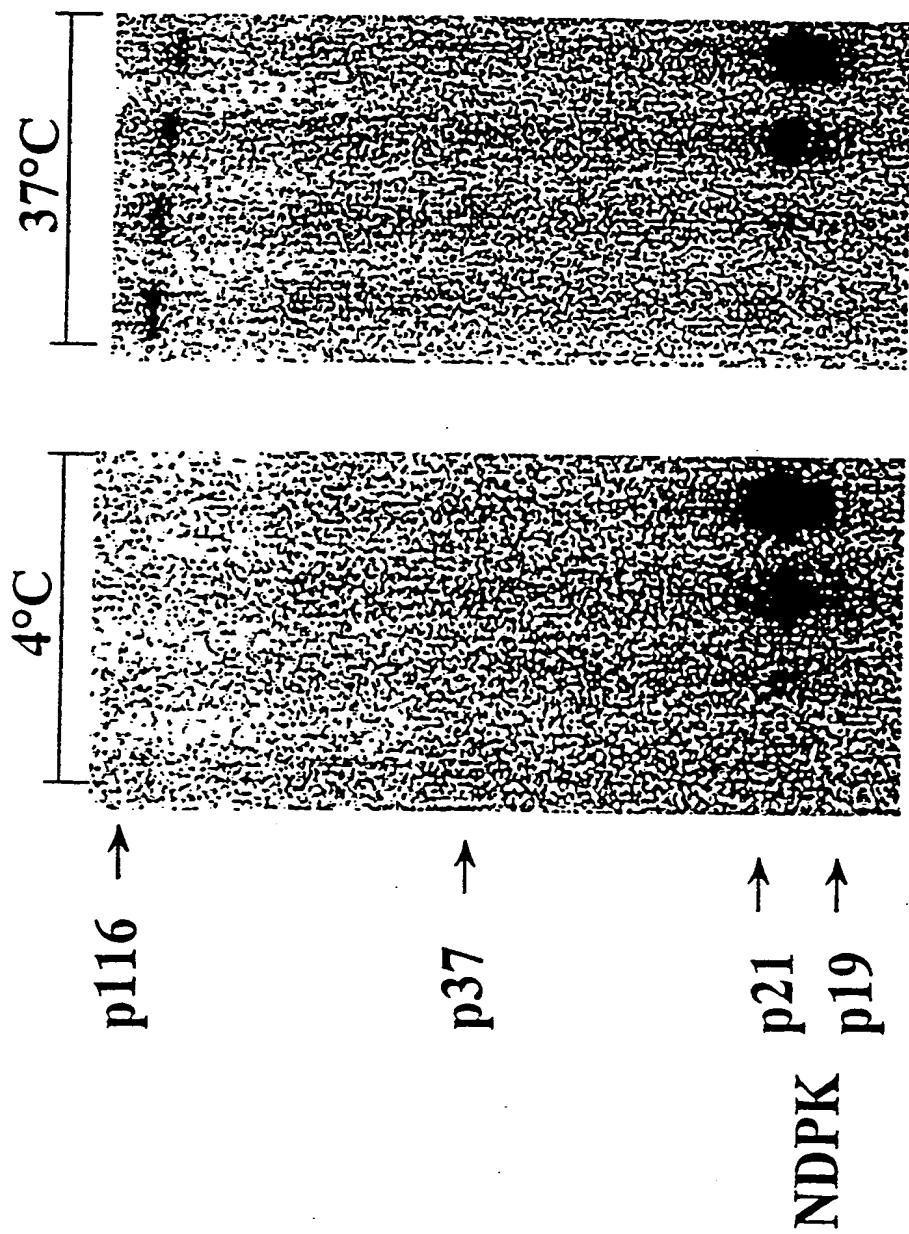
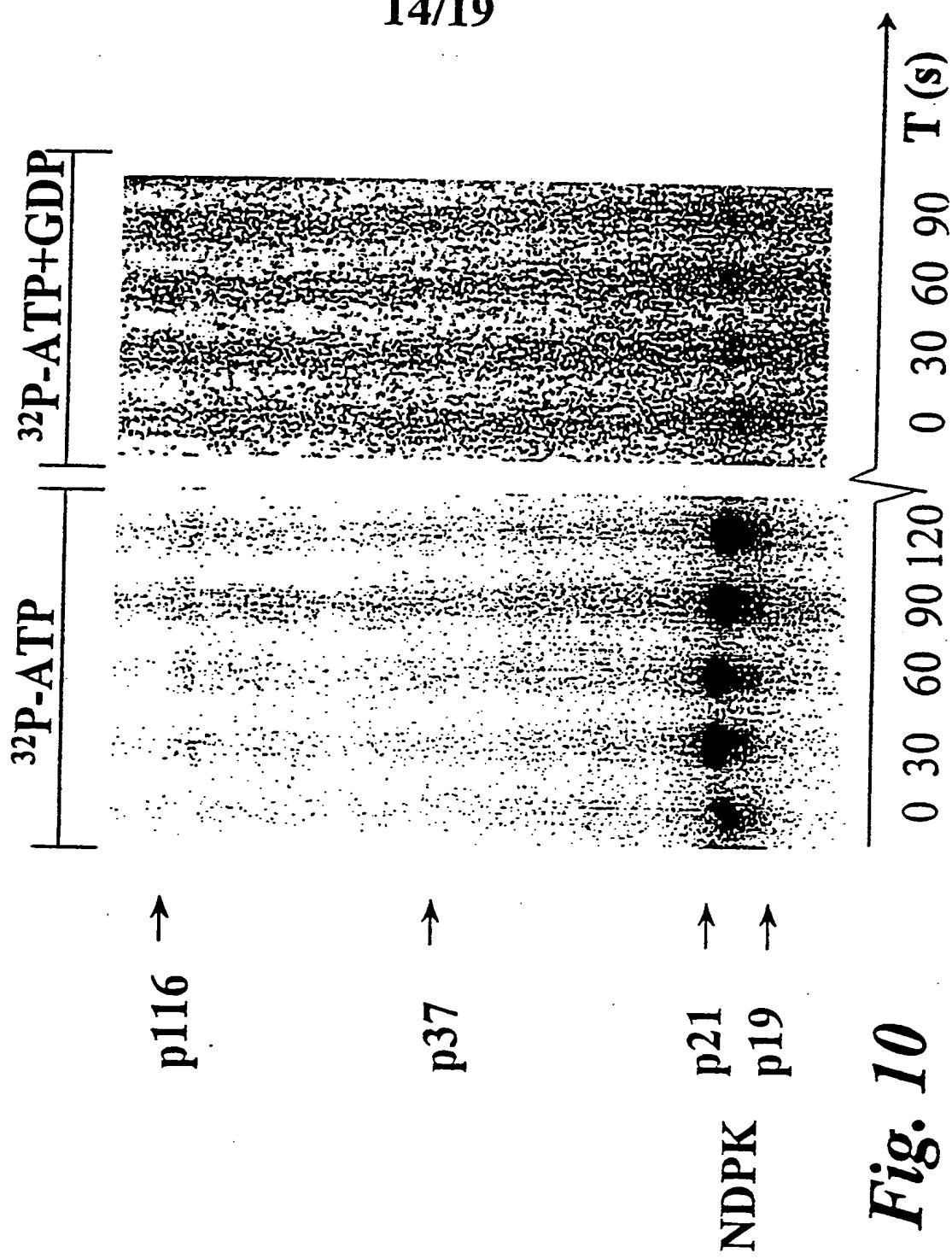


Fig. 9

Autoradiograph from apical membrane
phosphoproteins from null CFTR (-/-) mice:



Autoradiograph from apical membrane
phosphoproteins from wild-type mice:

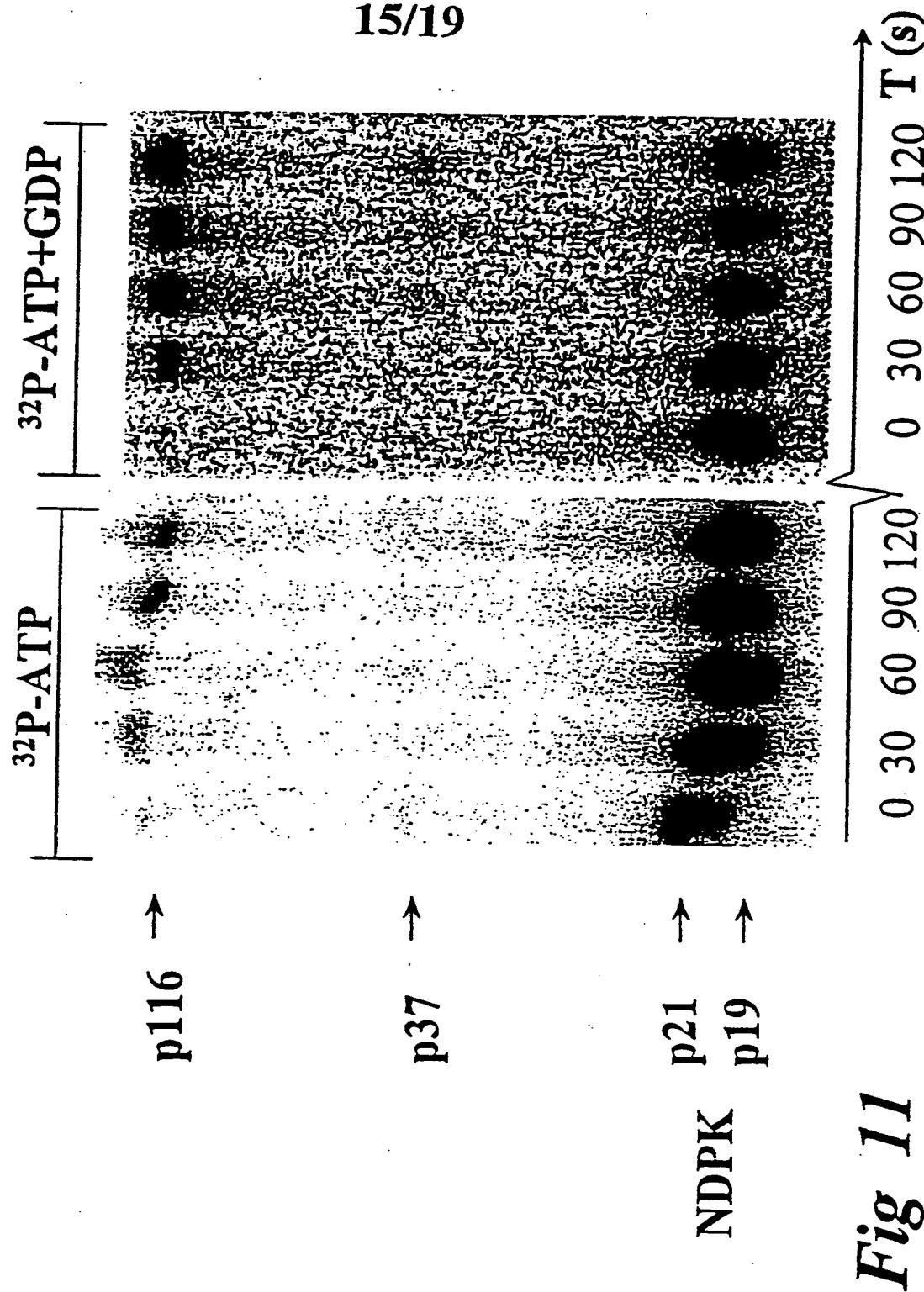
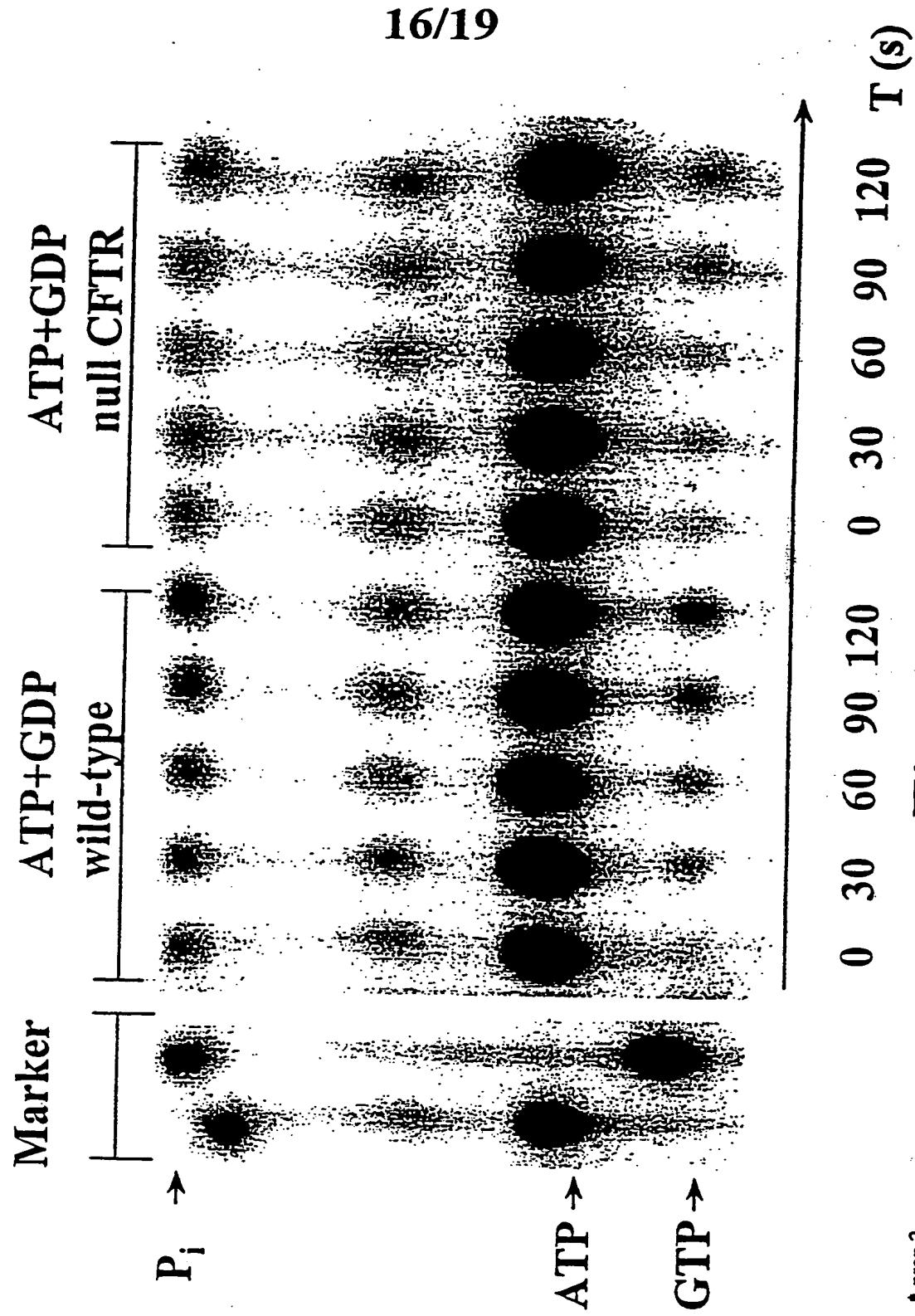


Fig 11

Apical membrane from wild-type and null CFTR (-/-)* mice:



* prep 2

Fig. 12

17/19

W. D. E. S. D. C. D. E. H. H. G. G. C.

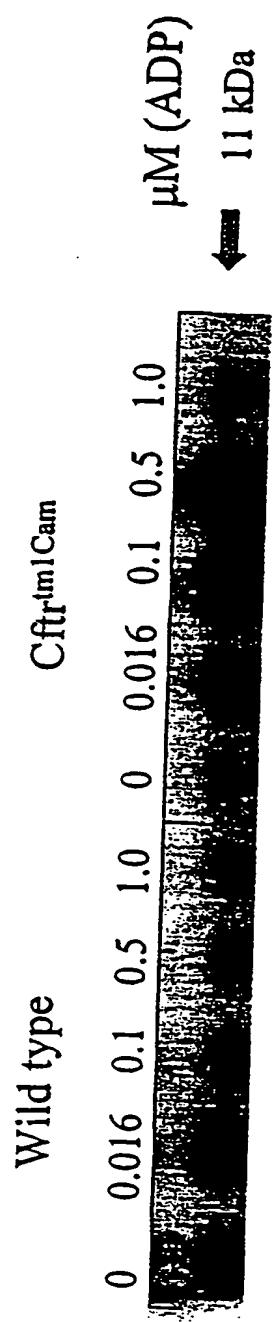


Fig. 13

19/19

F07E20 - 116044660

N6mbcAMP

Annexin I

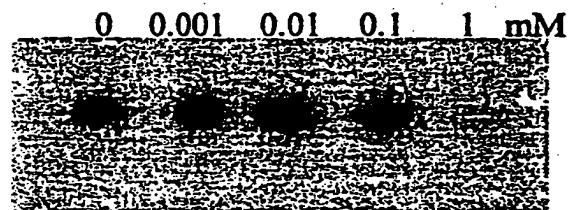


Fig. 15